## Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims:

Listing of Claims:

1. (Currently amended) A mobile body communication system, comprising:

a subnet with a plurality of base station devices,

wherein one of the base station devices ~~receives~~ is configured to receive a position registration request signal transmitted from a mobile station device and ~~communicates~~ to communicate with a network,

and the mobile station device ~~communicates~~ is configured to communicate with ~~an other~~ a communication device via one of the base station ~~device~~ devices and said network; and

simultaneous call means for transmitting a call signal to a broadcast address corresponding to said subnet when calling the mobile station device, and thereby transmits the signal to the plurality of base station devices.

2. (Currently amended) The mobile body communication system according to claim 1, further comprising:

storing means for storing a mobile station device specifying number of said mobile station device and an address of the subnet, and that the mobile station device specifying number and said subnet being in association with each other; and

position registering means operating to store said mobile station device specifying number and the address of said subnet being in association therewith on said storing means,

wherein said simultaneous call means transmits a call signal to the broadcast address corresponding to said address of said subnet stored being in association with said mobile station device specifying number when calling said mobile station device of said mobile station device specifying number.

3. (Previously presented) The mobile body communication system according to claim 1 or 2, wherein said one base station device comprises protocol exchange means for exchanging a communication protocol for use in an IP network and a communication protocol for use in a radio zone with each other.

4. (Currently amended) The one base station device for use in the mobile body communication system according to claim 1 or 2, ~~wherein said one base station device,~~ comprising protocol exchange means for exchanging a communication protocol for use in an IP network and a communication protocol for use in a radio zone with each other.

5. (Currently amended) A mobile body communication method enabling a programmed computer to carry out mobile body communication, said method comprising the steps of:

forming a subnet having an address with a plurality of base station devices, wherein one of the base station devices receives a position registration request signal transmitted from a mobile station device and communicates with a network, and the mobile station device communicates with an other communication device via one of the base station ~~device~~ devices and said network; and

transmitting a call signal to the broadcast address corresponding to the address of said subnet when making a call to the mobile station device, and thereby transmits the signal to the plurality of base station devices.

6. (Previously presented) The mobile body communication method according to claim 5, further comprising the steps of:

storing a mobile station device specifying number of the mobile station device and the address of the subnet, and that the mobile station device specifying number and the subnet being in association with each other upon receiving the registration request.

7. (New) A mobile body communication system in which a plurality of base station devices are connected to a relay device through an IP network, comprising:

subnet forming means for providing each of the base station devices with an IP address such that a subnet is formed with at least one base station device,

wherein the relay device comprises

position registering means for receiving a position registration request Signal transmitted from a mobile station device via one of the base station devices, and for making storing means store an address indicating the subnet to which the one of the base station devices belongs, in association with a mobile station device specifying number of the mobile station device included in the position registration request signal;

reading means for receiving a call signal to the mobile station device, and for reading the address stored in association with the mobile station device specifying number included in the call signal from the storing means; and

simultaneous call means for transmitting the call signal destined for a broadcast address corresponding to the address read by the reading means, and

each of the base station devices which receive the call signal destined for the broadcast address, wirelessly transmits the call signal to the mobile station device.

8. (New) A mobile body communication method for a mobile body communication system in which a plurality of base station devices are connected to a relay device through an IP network, the method comprising:

a step of providing each of the base station devices with an IP address such that a subnet is formed with at least one base station device:

a step in which the relay device receives a position registration request signal transmitted from a mobile station device via one of the base station devices, and makes storing means store an address indicating the subnet to which the one of the base station devices belongs, in association with a mobile station device specifying

number of the mobile station device included in the position registration request signal;

a step in which the relay device receives a call signal to the mobile station device, and reads the address stored in association with the mobile station device specifying number included in the call signal from the storing means;

a step in which the relay device transmits the call signal destined for a broadcast address corresponding to the read address; and

a step in which each of the base station devices which receive the call signal destined for the broadcast address, wirelessly transmits the call signal to the mobile station device.